



22855 U.S. PTO

121503

Frederick P. Fish  
1855-1930

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1859-1951

# FISH & RICHARDSON P.C.

December 15, 2003

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Attorney Docket No.: **MP0359**

## Mail Stop Patent Application

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Presented for filing is a new patent application claiming priority from a provisional patent application of:

Applicant: SWEE-ANN TEO AND YONGHUA SONG

Title: SIGMA DELTA MODULATED PHASE LOCK LOOP WITH PHASE INTERPOLATION

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Specification	16
Claims	15
Abstract	1
Declaration	2
Sheets of Drawings	6

### Enclosures:

- Assignment cover sheet and an assignment document from Inventors to Marvell Semiconductor, Inc. (2) pages, and a separate \$40 fee.
- Assignment cover sheet and an assignment document from Marvell Semiconductor, Inc. to Marvell International, Ltd. (4) pages, and a separate \$40 fee.
- Application Cover Sheet.
- Application Data Sheet.
- Request For Non-Publication Under 35 USC 122(b)(2)(B)(i).
- Information Disclosure Statement.
- Information Disclosure Statement PTO Form 1449 citing (7) References
- (3) Submission of Credit Card Payment Requests for all fees.
- Return Receipt Postcard.

CERTIFICATE OF MAILING BY EXPRESS MAIL

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121503

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Page 2

Under 35 USC §119(e)(1), this application claims the benefit of prior U.S. provisional application 60/470,626, filed May 15, 2003.

Basic filing fee	\$770
Total claims in excess of 20 times \$18	\$702
Independent claims in excess of 3 times \$86	\$172
Fee for multiple dependent claims	\$0
Total filing fee:	\$1644

A Submission of Credit Card payment authorization for the filing fees is hereby enclosed.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (650) 839-5070.

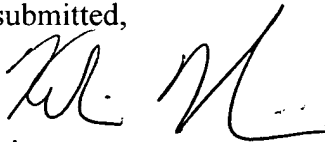
Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please direct all correspondence to the following:

23624

PTO Customer Number

Respectfully submitted,



Kelvin M. Vivian  
Reg. No. 53,727

Enclosures  
MDK/KMV/nmm

50188803.doc

**REQUEST AND CERTIFICATION  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Swee-Ann Teo et al.	
Title	Sigma Delta Modulated Phase Lock Loop with Phase Interpolation	
Atty. Docket Number	MP0359	

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

12-15-03

Date

  
Signature

Kelvin M. Vivian

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**